

Product datasheet for **RG213197**

IL20RB (NM_144717) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL20RB (NM_144717) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IL20RB
Synonyms:	DIRS1; FNDC6; IL-20R2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG213197 representing NM_144717 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGACTTTCACAATGGTTCTAGAAGAAATCTGGACAAGTCTTTTCATGTGGTTTTCTACGCATTGA
TTCCATGTTTGCTCACAGATGAAGTGGCCATTCTGCCTGCCCTCAGAACCTCTCTGTACTCTCAACCAA
CATGAAGCATCTTTGATGTGGAGCCAGTGATCGCGCTGGAGAACAGTGTACTATTCTGTGAATAC
CAGGGGGAGTACGAGAGCCTGTACACGAGCCACATCTGGATCCCCAGCAGCTGGTGCTCACTCACTGAAG
GTCTGTGATGTGACTGATGACATCACGGCCACTGTCCATACAACCTTCGTGTCAGGGCCACATT
GGGCTCACAGACCTCAGCCTGGAGCATCCTGAAGCATCCCTTTAATAGAACTCAACCATCCTTACCCGA
CCTGGGATGGAGATCACCAAAGATGGCTTCCACCTGGTTATTGAGCTGGAGGACCTGGGGCCCCAGTTTG
AGTTCTTGTGGCCTACTGGAGGAGGGAGCCTGGTGCCGAGGAACATGTCAAAATGGTGAGGAGTGGGGG
TATTCCAGTGCACCTAGAAACCATGGAGCCAGGGGCTGCATACTGTGTGAAGGCCAGACATTCTGTGAAG
GCCATTGGGAGGTACAGCGCCTCAGCCAGACAGAATGTGTGGAGGTGCAAGGAGAGGCCATTCCCTGG
TACTGGCCCTGTTTGCCTTTGTTGGCTTCATGCTGATCCTTGTGGTGTGCCACTGTTCTGTGAAAAAT
GGGCCGGCTGCTCCAGTACTCCTGTTGCCCGTGGTGGTCTCCAGACACCTTAAAAATAACCAATTCA
CCCCAGAAGTTAATCAGCTGCAGAAGGGAGGAGGTGGATGCCTGTGCCACGGCTGTGATGTCTCTGAGG
AACTCCTCAGGGCCTGGATCTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG213197 representing NM_144717
Red=Cloning site Green=Tags(s)

MQTFTMVL EEIWTSLFMWFFYALIPCLLTDEVAI LPAPQNL SVLSTNMKHL LMWSPVIAPGETVYYSVEY
 QGEYESLYTSHIWIPSSWCSL TEGPECDVTD DITATVPYNLRVRATLGSQTSAWSILKHPFN RNSTILTR
 PGMEITK DGFHLVIELEDLGPQFEFLVAYWRREP GAEHVKMVRS GGIPVHLETMEPGAAYCVKAQTFVK
 AIGRYSAFSQTECV EQEAIPLVLALFAFVGFMLILVVVPLFVWKMGRLLQYSCCPVVVLPDTLKITNS
 PQLISCRREEVDACATAVMSPEELLRAWIS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_144717

ORF Size: 933 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_144717.4](#)

RefSeq Size: 2056 bp

RefSeq ORF: 936 bp

Locus ID: 53833

UniProt ID: [Q6UXL0](#)

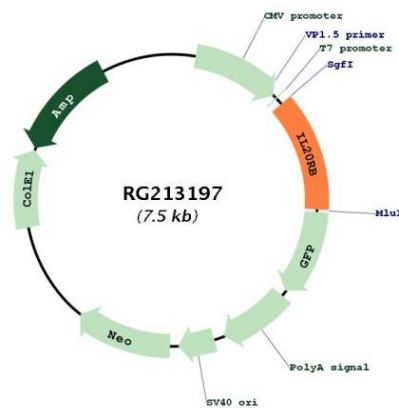
Cytogenetics: 3q22.3

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

Gene Summary: IL20RB and IL20RA (MIM 605620) form a heterodimeric receptor for interleukin-20 (IL20; MIM 605619) (Blumberg et al., 2001 [PubMed 11163236]).[supplied by OMIM, Feb 2009]

Product images:



Circular map for RG213197